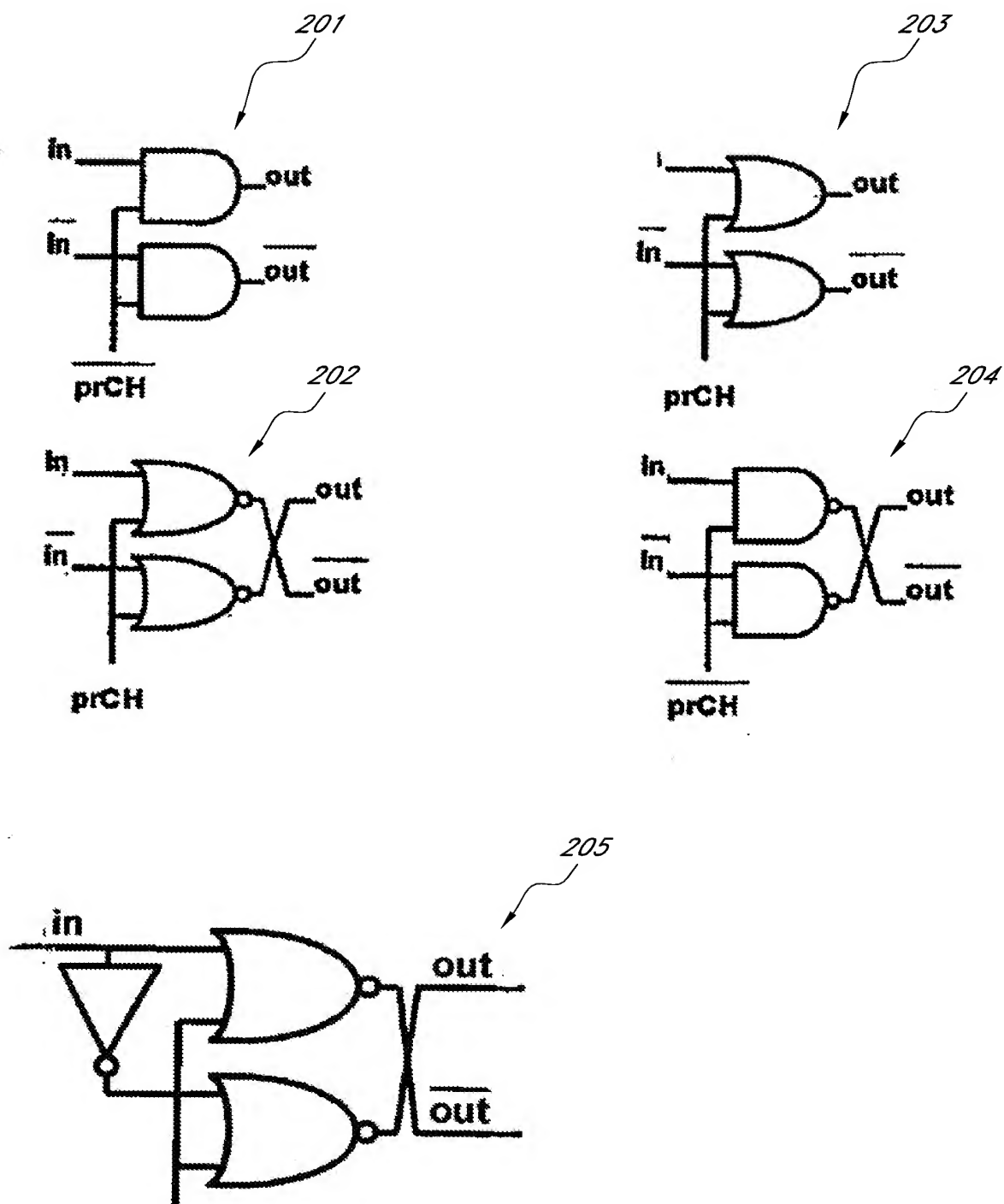


110

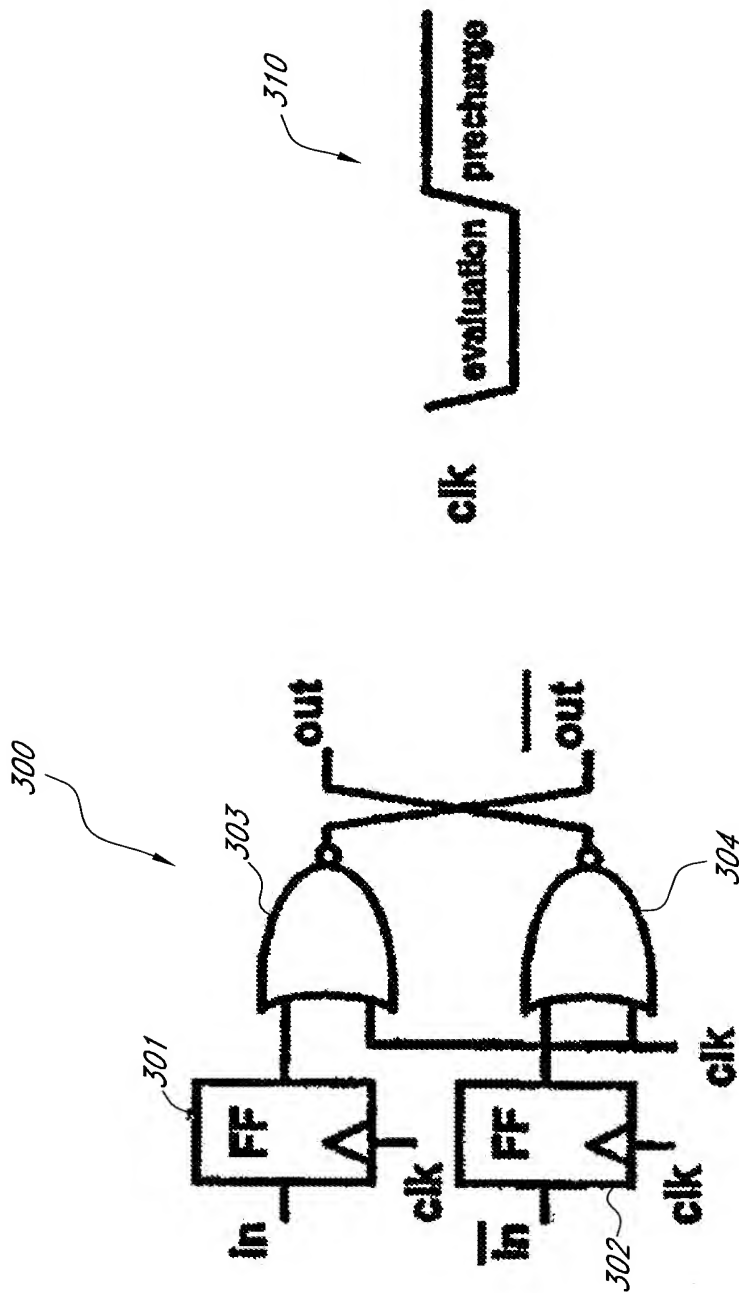
$(A.B).prch \leftrightarrow (\overline{A} + \overline{B}).prch$

A	B	and	$\overline{A}$	$\overline{B}$	nand	prch	AND	NAND
0	0	0	1	1	1	0	0	1
0	1	0	1	0	1	0	0	1
1	0	0	0	1	1	0	0	1
1	1	1	0	0	0	0	1	0
X	X	X	X	X	X	1	0	0

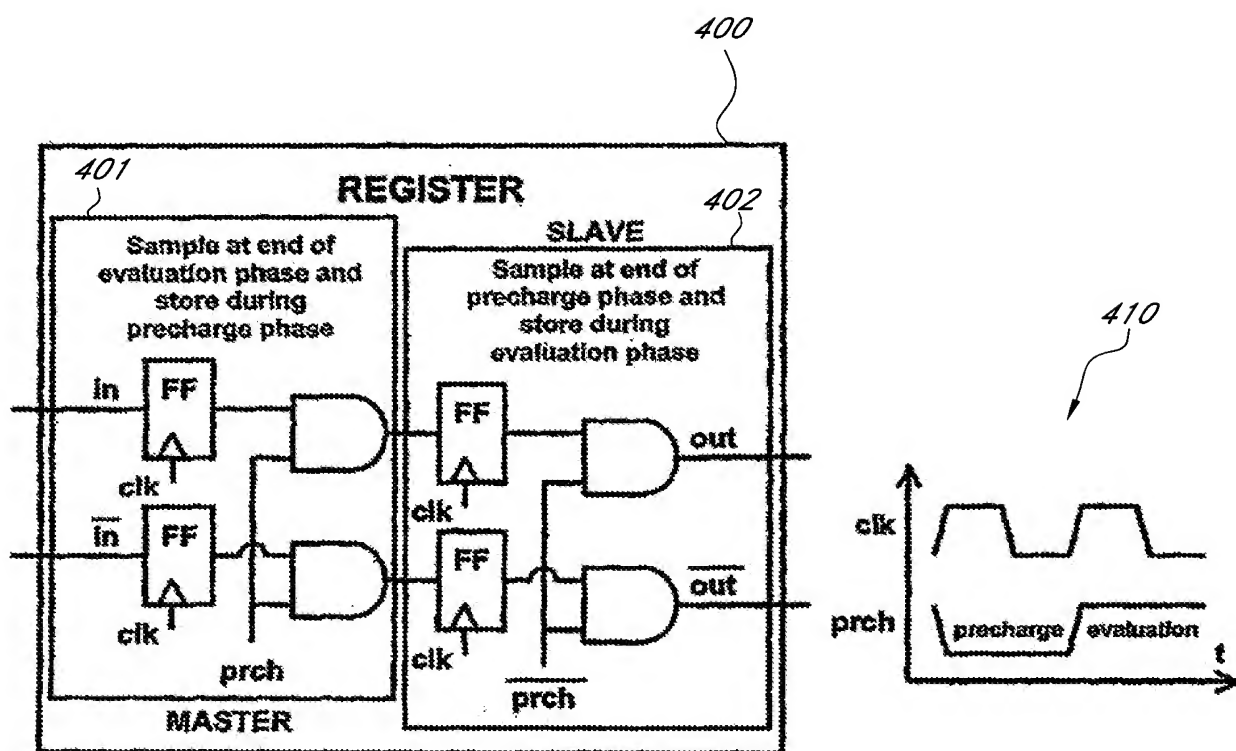
FIG. 1

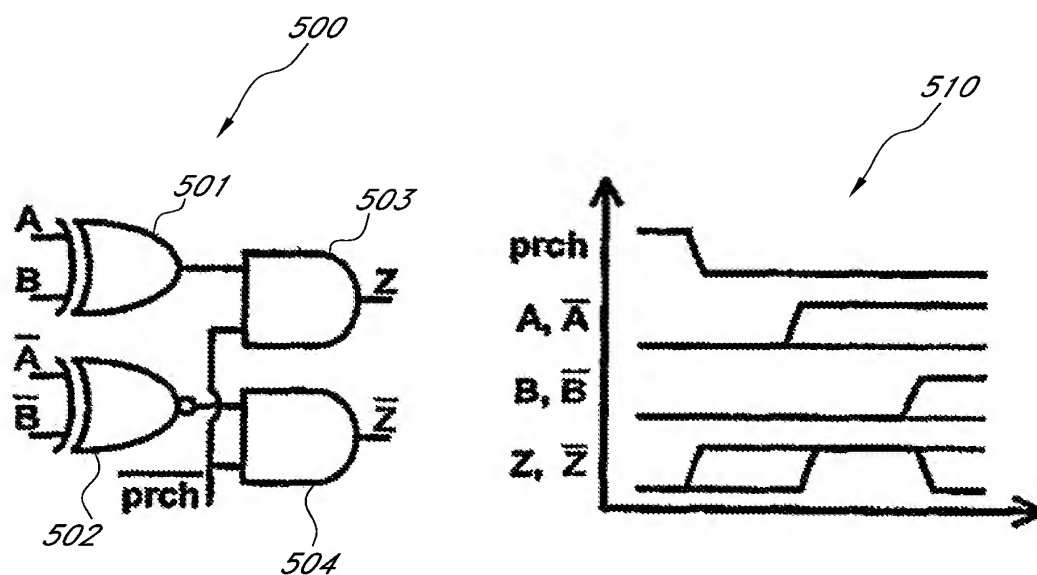


**FIG. 2**



**FIG. 3**

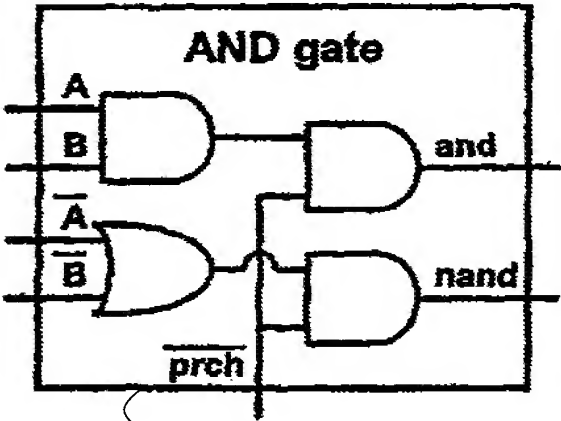
**FIG. 4**



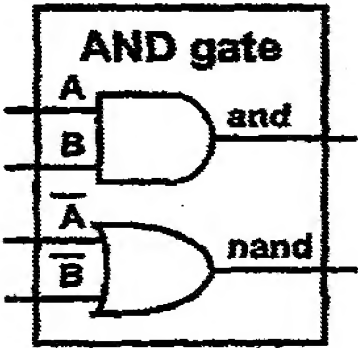
**FIG. 5**

610

A	B	and	$\bar{A}$	$\bar{B}$	nand	prch	AND	NAND
0	0	0	1	1	1	0	0	1
0	1	0	1	0	1	0	0	1
1	0	0	0	1	1	0	0	1
1	1	1	0	0	0	0	1	0
X	X	X	X	X	X	1	0	0

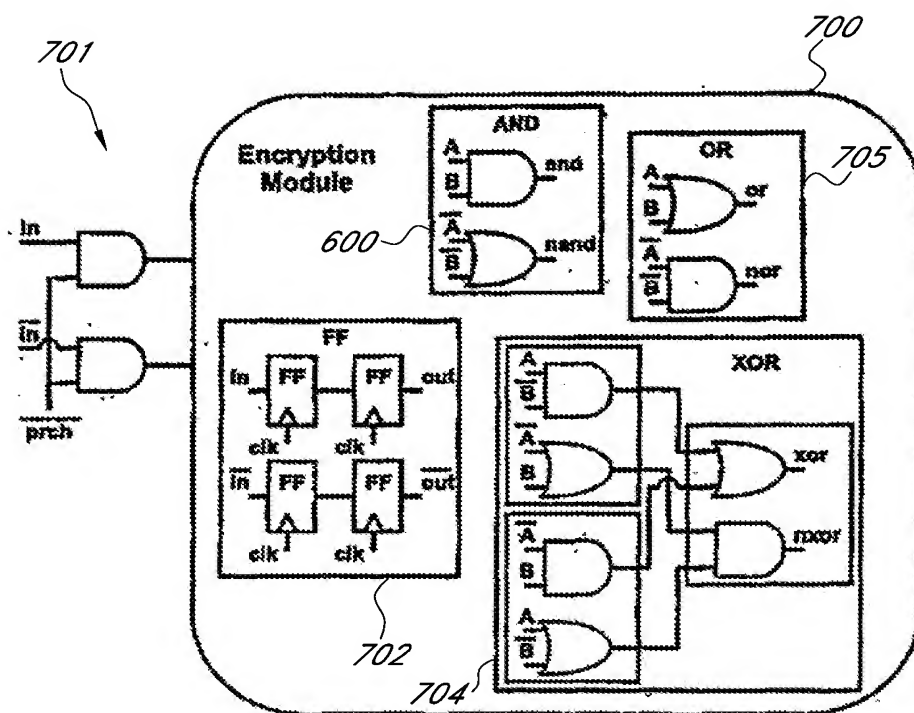


100

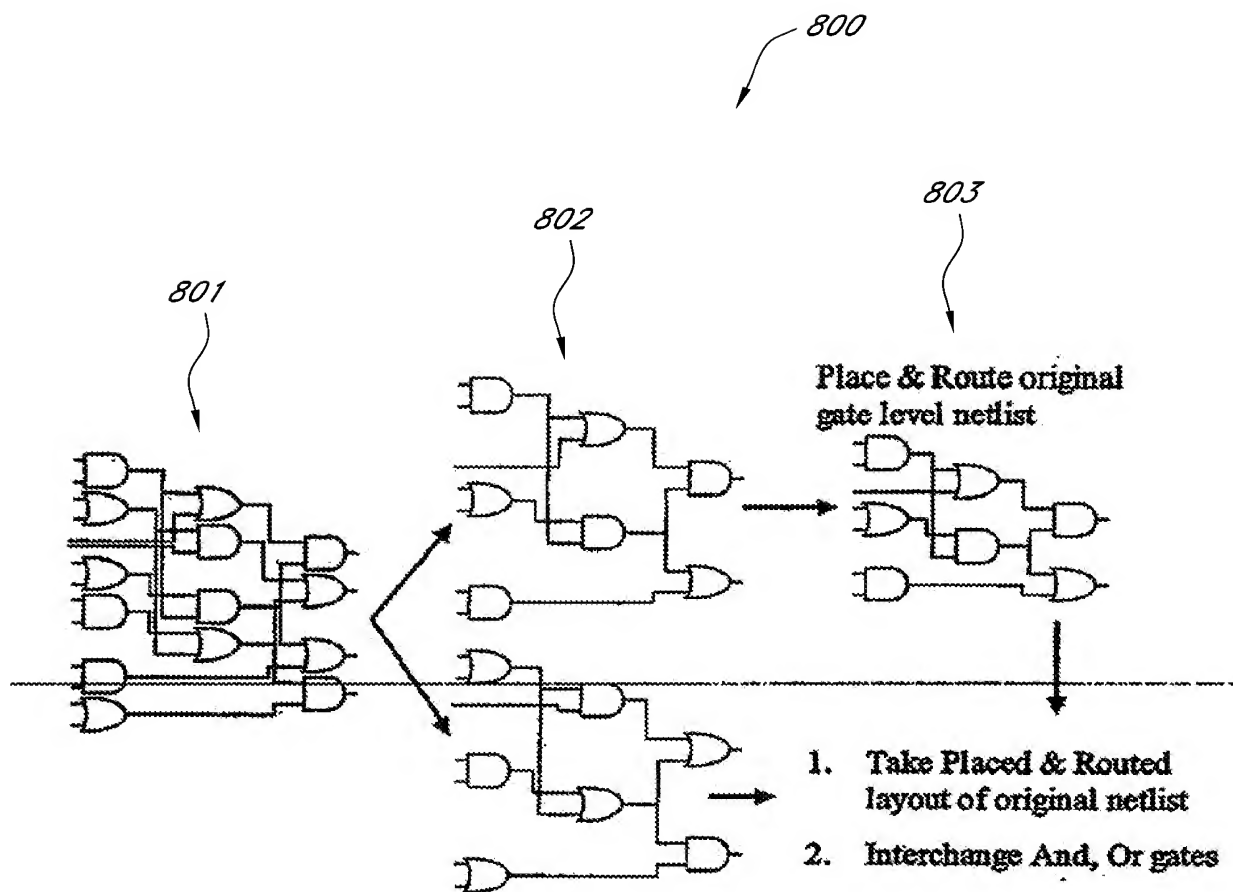


600

FIG. 6

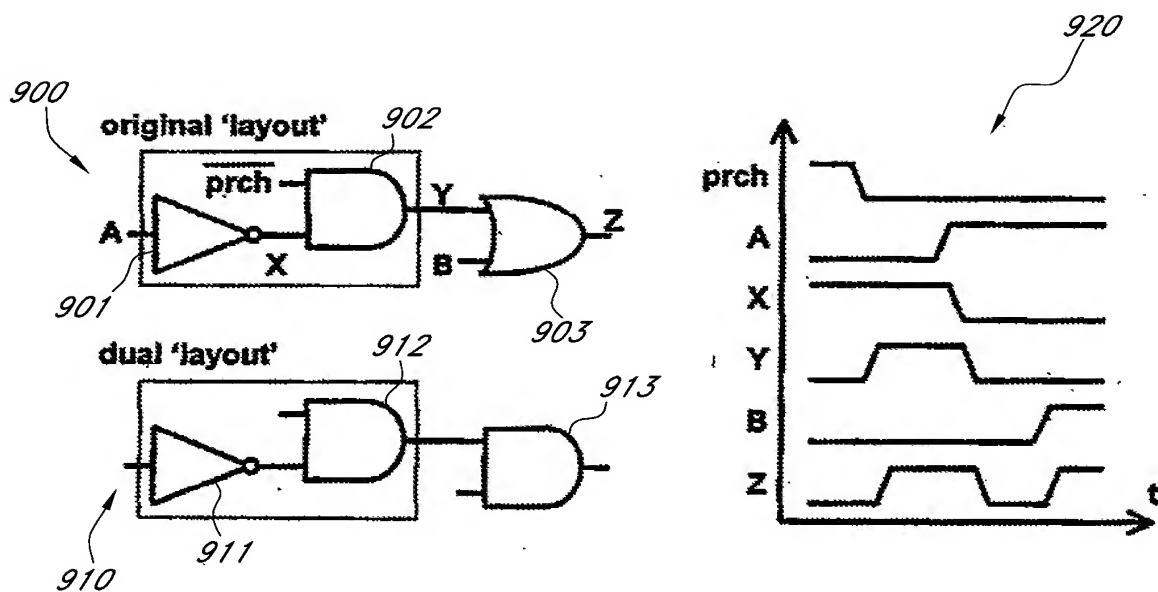


**FIG. 7**

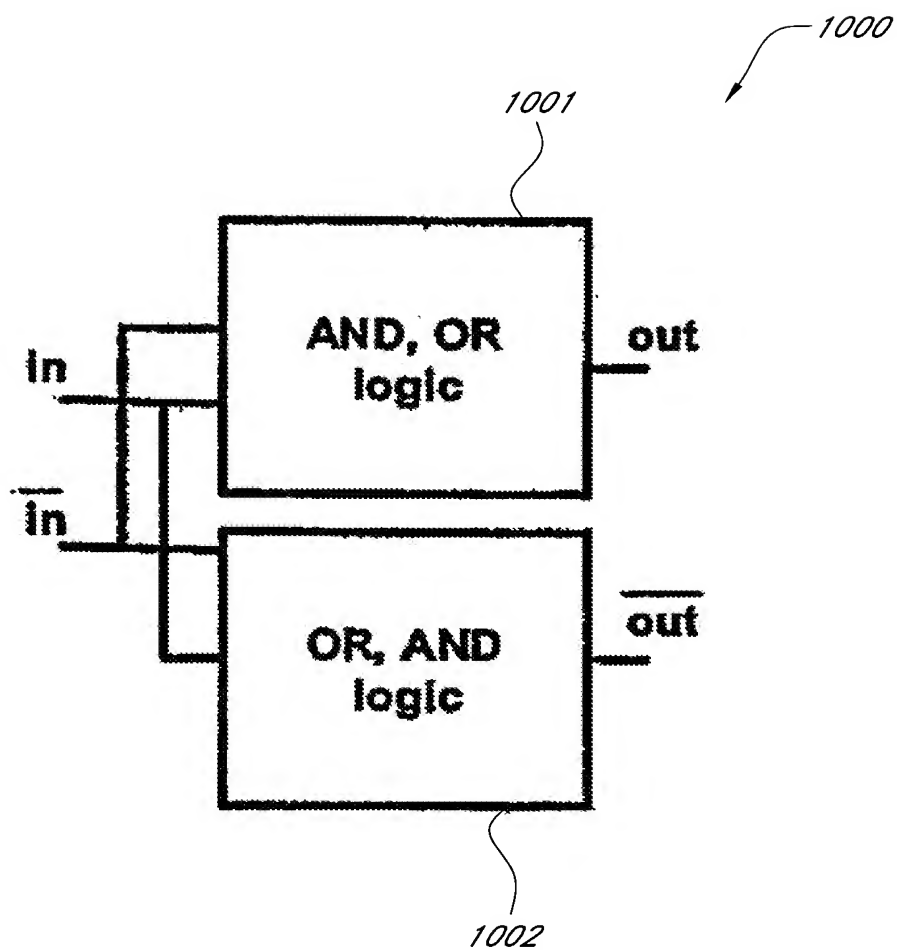


**FIG. 8**

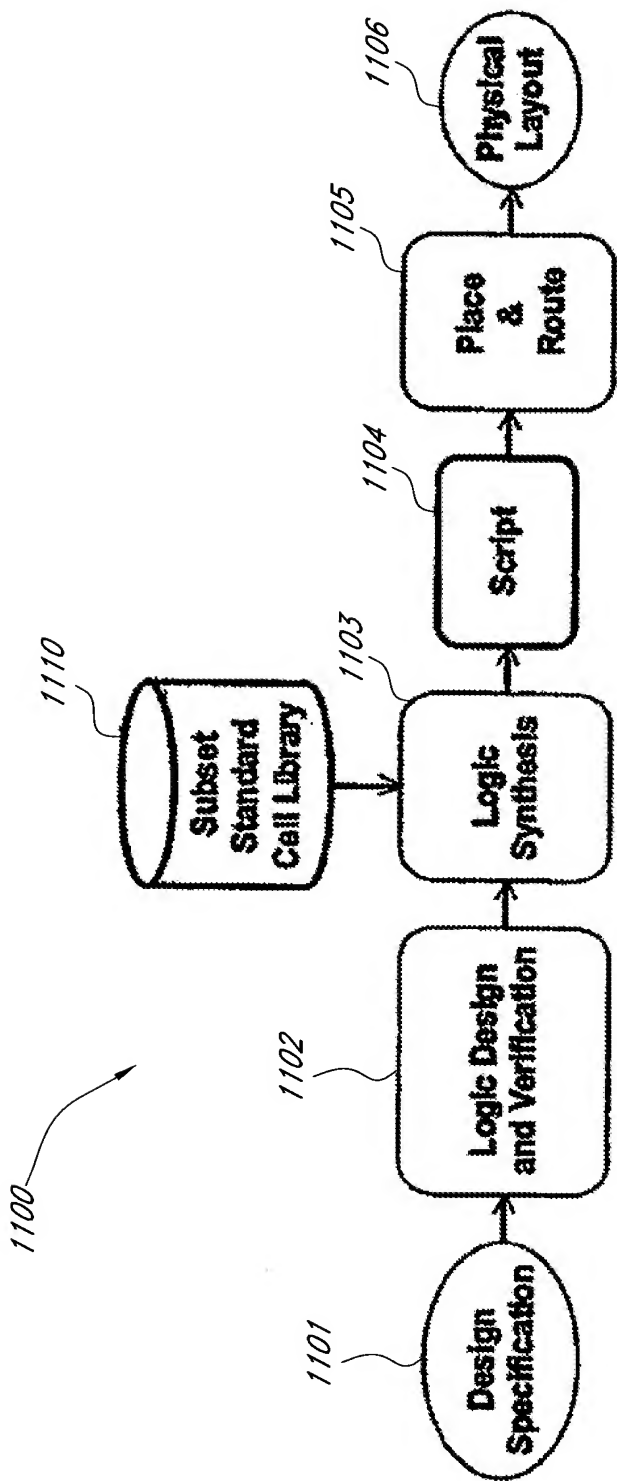




**FIG. 9**

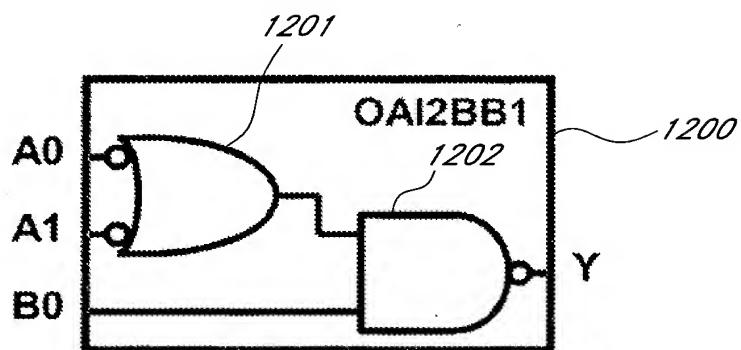


**FIG. 10**

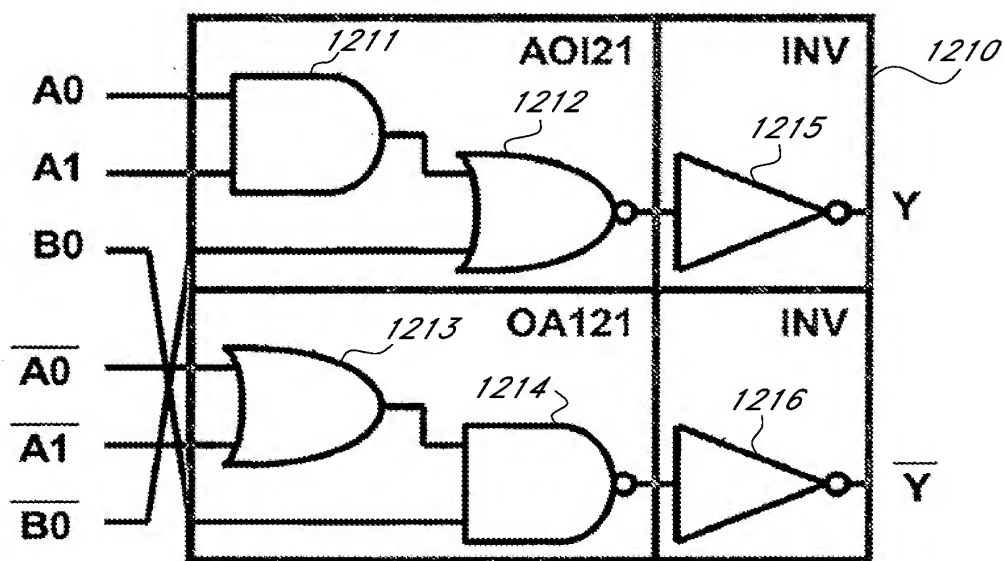


**FIG. 11**

12/14

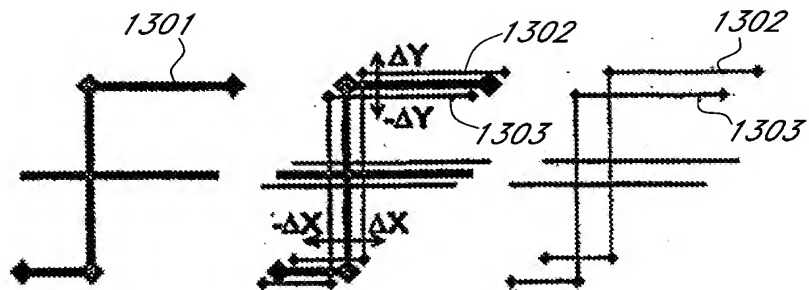


**FIG. 12A**



**FIG. 12B**

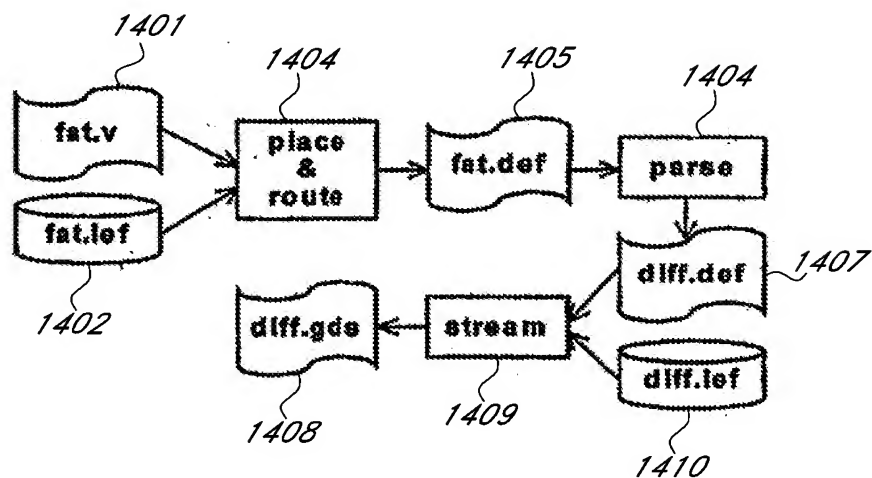
13/14



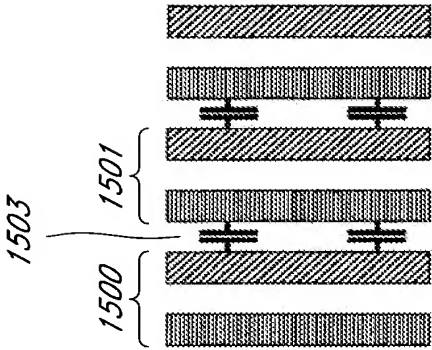
**FIG. 13A**

**FIG. 13B**

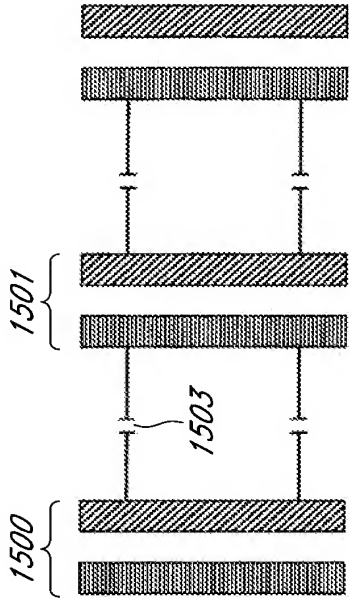
**FIG. 13C**



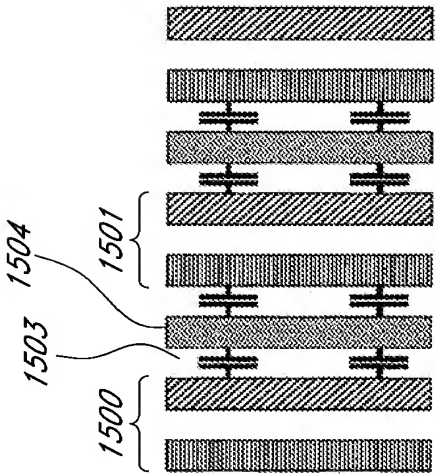
**FIG. 14**



**FIG. 15A**



**FIG. 15C**



**FIG. 15B**